



Software User Manual

Version 1.5
R02 EN150424



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The accompanying USB flash media is only guaranteed in its original state, as an installation medium for the Product. Any variance from this use including but not limited to deleting, altering or adding data, reformatting the media or any physical alteration of the device will void its warranty. If the media is found to have a physical or manufacturing defect please contact our support department (<http://www.uvi.net/contact-support>).

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Introduction



Synthox 1.5

New in version 1.5! Now includes a deep sampling of the rare Elka EK-44 FM synthesizer, an expanded patch library, and dramatically faster load-times.

The raw analog power of the Elka Synthex returns in Synthox 1.5, this time as a versatile hybrid Analog/FM workstation! Synthox features a dual-layer architecture which lets you freely mix raw waves from the Synthex and EK-44 for a wild new range of sonic possibilities. Both synths were fully serviced then deeply multi-sampled to give you a complete range of raw waveforms, noise oscillators and custom patches with the authentic hardware character.

A widely regarded and increasingly rare analog synthesizer, the Synthex [1981-1985], comes from Italian manufacturer Elka and was made famous in part by Jean Michel Jarre. The unique

oscillator design and lush filters in this synth pack a distinctly thick and raw sound. As these machines become older finding working units has become increasingly difficult. Now, Synthox 1.5 brings you the very best of this instrument in a convenient and extraordinary sounding soft-synth.

Also included in Synthox 1.5 is a deep sampling of the Elka EK-44 [1986]. A rare 4-operator FM synth based around Yamaha's YM2203 chips, the EK-44's raw digital sound palette makes a brilliant counterpoint to the Synthex and can lead to some truly unique sounds. From thick and sizzling textures to funky analog tones, digital bells and everywhere in-between, Synthox 1.5 is a fantastic instrument for those looking to draw on the classic 80's sound of Elka.

System Requirements



Compatibility

Audio Units, VST, MAS, AAX, RTAS or standalone
UVI Workstation 2.5.11 or higher

Minimum System Requirements

- ▶ Intel CPU
- ▶ 4 GB of RAM (8 GB+ recommended)
- ▶ 2 GB of disk space
- ▶ Mac OS X 10.7 or higher
- ▶ iLok account (free, dongle not required)



Compatibility

VST, AAX, RTAS or standalone
UVI Workstation 2.5.11 or higher

Minimum System Requirements

- ▶ Core Duo or faster
- ▶ 4 GB of RAM (8 GB+ recommended)
- ▶ 2 GB of disk space
- ▶ Windows 7 or higher
- ▶ iLok account (free, dongle not required)



Authorize the Way You Want

Your license allows 3 concurrent authorizations on any combination of computers and iLok dongles.

License management is a simple drag-and-drop process done through iLok License Manager.

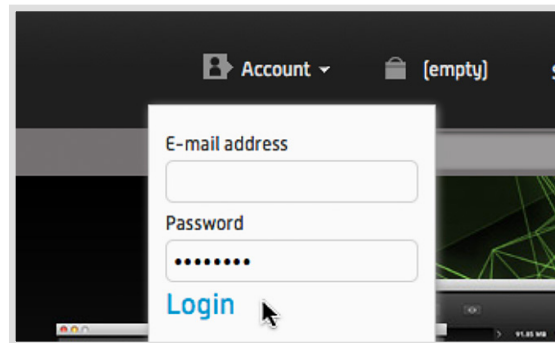
Visit ilok.com/en to download iLok License Manager and create your free account.

Step 1 Register Your Serial Number

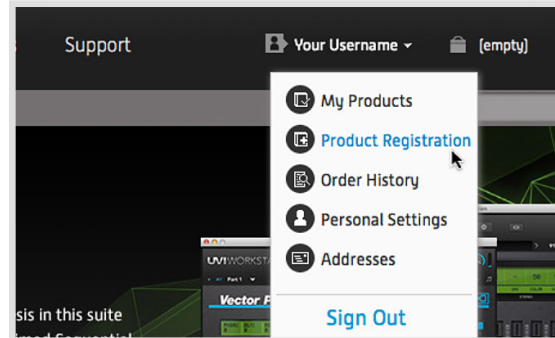


- ▶ You must have an account on uvi.net and ilok.com prior to registration
- ▶ If you purchased a **physical version** of this product, your serial number is located on the inside of the box
- ▶ If you purchased an **electronic version** of this product, your serial number will be included in a confirmation email
- ▶ You can see a list of the products you've registered and their serial numbers anytime at uvi.net/my-products

1. Login to your account on uvi.net

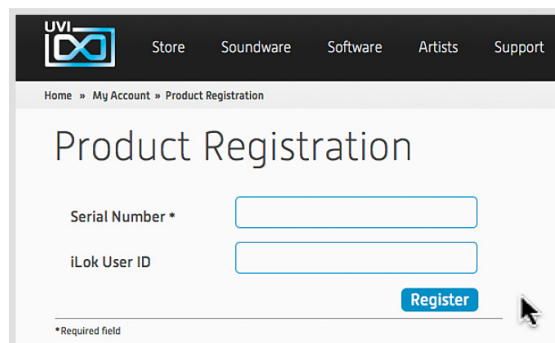


2. Navigate to the 'Product Registration' page



3. Enter your details and click 'Register'

Upon completion a new license will be deposited in your iLok account

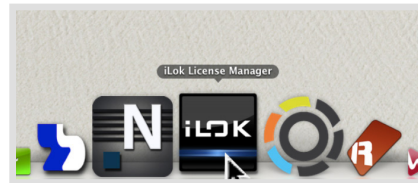


Step 2 Activate Your License

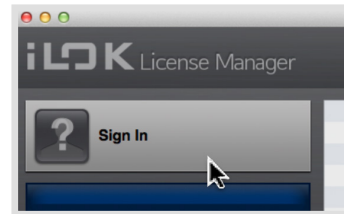
1 2 3 4

- ▶ iLok License Manager is required for activation, download the newest version at ilok.com/ilm.html
- ▶ Your license allows up to 3 concurrent activations on any combination of iLok dongles and computers
- ▶ Activations can be moved between devices at anytime

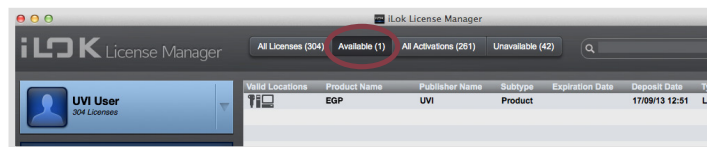
1. Launch iLok License Manager



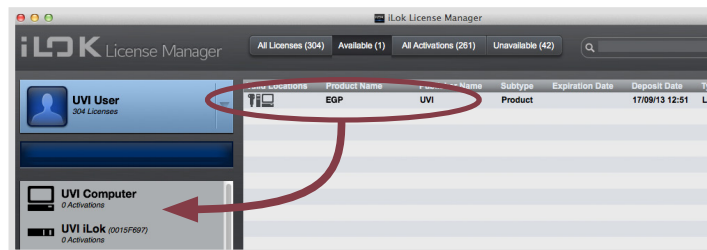
2. Login to your account



3. Click the 'Available' tab

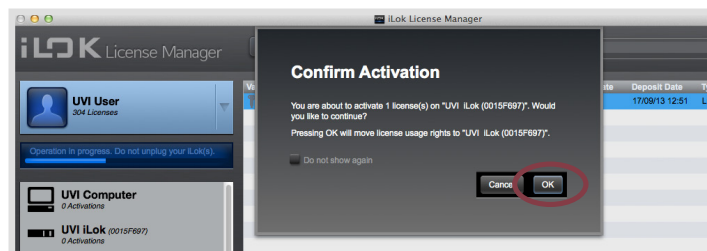


4. Drag the license to your computer or an iLok dongle



5. Click 'Ok' to confirm the activation

The process is complete, your device is now authorized



- » To see how many authorizations you have left simply select the license and click 'Show Details'
- » To deactivate your license, right-click it and select 'Deactivate' — doing so will return your license to the 'Available' tab

Step 3 Install Your Instrument



- ▶ UVI Instruments can be stored anywhere on your system
- ▶ Storing your instruments on a fast drive will improve performance
- ▶ Your instruments can be downloaded at any time from uvi.net/my-products

1. Create a folder on your computer and place your UVI Instruments in it
Once this is done we need to tell UVI Workstation where to find your instruments.
We do this by creating a watch folder, follow the steps below to create your own:

2. Open UVI Workstation



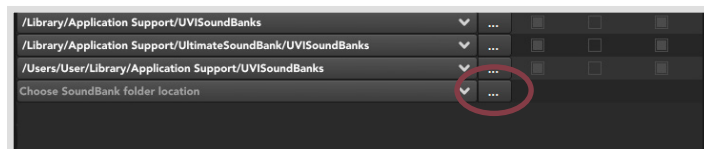
3. Click the Settings page



4. Click the 'Sound Banks' tab

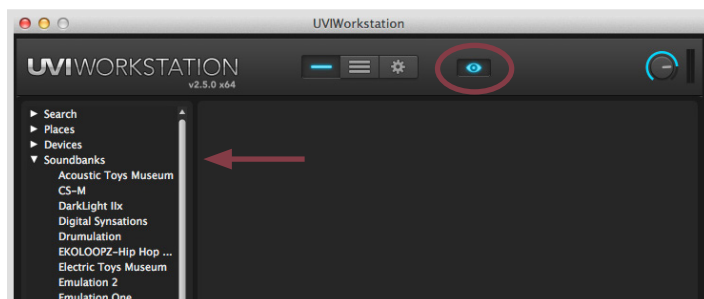


5. Click the '...' button and select the folder where you've placed your instruments



6. Restart UVI Workstation and open the Browser

Your instruments will be available under the 'Soundbanks' tab



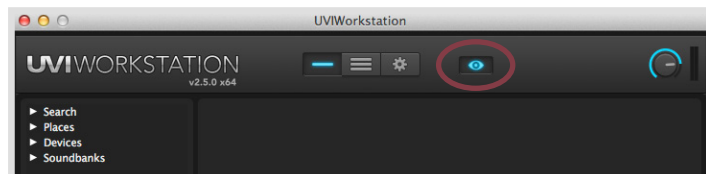
Step 4 Load Your Instrument



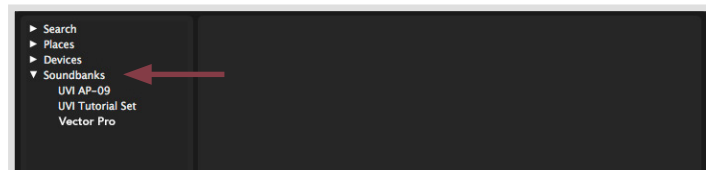
- ▶ UVI Workstation is required to run UVI Instruments
- ▶ The newest version of UVI Workstation can be downloaded free at uvi.net/downloads
- ▶ UVI Workstation can be run as a standalone program or as a virtual instrument from within your DAW of choice



1. Open UVI Workstation



2. Click the Browser icon



3. Open the Sound Banks tab

4. Select a product, in this example we'll choose Vector Pro, then select an instrument and patch

Double-click the patch to load it



5. The UI appears and you're ready to jam!



Edit Page



The UI is divided into three pages; [Edit], [Mod] and [Arp]. Primary controls such as amp, filter, stereo, pitch and effects are available on the [Edit] page. Clicking the [Mod] button at the top of the interface reveals the second page of controls containing the LFO and Step Modulator. The final [Arp] page presents an independent arpeggiator for each layer.

Main

1 ► Presets

Select a global preset from the pull-down menu or browse them with the Prev/Next arrows

2 ► Pages

Change the current page by selecting one of the 3 options; Edit, Mod or Arp

3 ► Layer Globals

- » On/Off Toggle
- » Volume
- » Pan
- » Octave [+1, 0, -1]

4 ► Master Gain

Set the Output Gain for the instrument

Basic Controls

5 ► Layer Edit

- » **Edit 1 | Edit 2 | Edit All**
Choose to edit layers 1 or 2 separately or simultaneously
- » **Wave Menu**
Choose the wave category in the first row and the wave in the second

6 ► Pitch

- » **Mono**
Toggle between Mono and Poly voicing
- » **Tune**
Adjust the pitch in Semitones/Cents
- » **Depth**
Adjust the Portamento depth
- » **Time**
Set the Glide time

7 ► Amplitude

- » **ADSR**
Attack / Decay / Sustain / Release envelope for the Amplitude section
- » **No Velocity**
Sets all incoming notes to max velocity
- » **Velocity > Attack**
Modulates attack amount based on incoming note velocity. Low velocities result in long attacks; high velocities result in short attacks.

8 ► Drive

- » **Amount**
Sets the amount of drive

Edit Page [continued]



Basic Controls [continued]

9 ► Stereo

- » **Mode**
Off / Alternate Pan / Unison
- » **Color**
Shifts color based on adjacent samples
- » **Spread**
Change the stereo width
- » **Detune**
UNI Mode Only: setunes layers

10 ► Filter

- » **ADSR**
Attack / Decay / Sustain / Release envelope for the Filter section
- » **Frequency**
Filter cutoff frequency
- » **Envelope**
Modifies the amount of ADSR envelope to be applied to the Filter
- » **Resonance**
Adjust the resonance (Q) of the Filter
- » **Vel > Filter**
Adjust the Velocity > Filter sensistivity
- » **Filter Modes**
Choose Filter mode; High Pass, Band Pass, Low Pass or OFF

11 ► Effects

- » **Power/Amount**
Choose from Phaser, Delay, and Reverb [additional controls available in the Effects page of UVIWS and MF]

12 ► Modwheel

- » **Power/Amount**
Easily route your controllers Modwheel to control common parameters such as Vibrato, Tremolo and Filter Depth

Mod Page



LFO

1 ► Sync

Enable/Disable LFO sync to Host Tempo

2 ► Waveforms

Choose LFO waveform; Sine, Triangle, Square or Sample & Hold

3 ► LFO Controls

» Speed

Change the LFO Speed

» EG Depth

Adjusts the amount of Attack and Decay to be applied to the LFO

» Attack

Attack time for the Speed envelope

» Decay

Decay time for the Speed envelope

4 ► Mod Routing

Control the amounts of LFO modulation to be applied to various parameters including; Pitch, Drive, Volume and Filter

Step Modulator

5 ► Step Sequencer

Interactive editor for programming sequenced modulations; bar height equals mod amount

6 ► Seq Params

» Delay

Delay time to activate first step

» Rise

Time to activate step with a smooth transition

» Smooth

Interpolates values between adjacent steps to smooth parameter modulation for a custom LFO effect

» Res

Change the sequencers step length

» Steps

Change the amount of steps for the sequencer to play

7 ► Mod Routing

Control the amounts of modulation to be applied to various parameters including; Volume and Filter

Synthox - Arp Page



1 ► Step Indicator

LED lights up when step is triggered

2 ► Step Editor

16-step sequencer; affects Velocity

3 ► Tie

When active, step inherits Velocity from the previous step

4 ► Layer 1 > Layer 2

When active, Arpeggiator 1 affects both layer 1 and layer 2 (whereas when disabled each Arp modifies its corresponding layer only)

5 ► Arp On/Off

Toggle the Arpeggiator On/Off

6 ► Grid

Change the step length

7 ► Arp Mode

Select Up, Down, or Up and Down

8 ► Gate

Change the step length (knob value ranges from zero to the tracks Resolution setting)

9 ► Steps

Sets the Arpeggiators step length

10 ► Octave

Set the pitch range of the Arpeggiator in Octaves

Presets

00-Init

Arpeggios

AR-Analog Heart
AR-Back in Time
AR-FM A Sonic
AR-FM Busy Pad
AR-FM G Stars
AR-FM Jarre
AR-FM Minimal Beat
AR-FM Mix Down
AR-FM Multi Arp
AR-FM Paradise
AR-Hybrid Cinematic
AR-JMJ Double Arp
AR-Pop Cornox
AR-Rythm and Arp
AR-Space Carrousel
AR-Synthoxerone
AR-Universe Sound
AR-Wonderland
AR-Z Plane Airlines
AR-Zamundsens Axel

Bells

BL-BellKa
BL-Brush Bells
BL-FM Bell Template
BL-FM Mixed Bells
BL-FM Tremobe
BL-FM Tubular
BL-Happy New Year
BL-Hybrid Bells 1
BL-Hybrid Bells 2
BL-Hybrid Exil
BL-Hybrid Express
BL-Hybrid Polybells
BL-Little Porta
BL-Paper Bell

Brass

BR-B11 Wah brass
BR-B17 Brass I
BR-B18 Brass II
BR-B19 Brass III
BR-Brasspeggios
BR-FM Brass Template
BR-FM Duosonix
BR-FM Kingdom
BR-FM Soft Large
BR-FM Transonic
BR-Grace Brass
BR-Hybrid Brass
BR-Velvet Aurora

wBass

BS-Bottom B
BS-FM Bass Template
BS-FM Basstress
BS-FM Creative Wheel
BS-Funky Sub
BS-Kev Basic
BS-One Finger Analog
BS-Ring Modus
BS-Scream Lexx
BS-Synthoxico
BS-TB Inspiration
BS-Ultra Funk
BS-Weird One
BS-Wheel Control
BS-Wheellex
BS-Whistle Sub
BS-ZanziBass

Chords

CH-Chain Lightning
CH-Circuit Jumper
CH-Determination
CH-FM Cap Andy
CH-FM Invaders
CH-FM Polysone
CH-FM Puck Monster
CH-FM Rose Valey
CH-FM Silex
CH-FM Step Pad
CH-FM Stepvolution
CH-FM The Palace
CH-FM Triade
CH-FM Wheel Me
CH-Hybrid Moving
CH-Jack Sail Air
CH-Lunar Scarab
CH-Omni Step
CH-Union Jacking
CH-Use your Wheel
CH-Variator
CH-Vulcan Trampoline

FX

FX-FM Coach O New
FX-Framheim Wind
FX-Park Six More
FX-Terra Novox
FX-The Bomb

Keyboards

KB-B15 Tremolo piano
KB-B23 Church organ
KB-B24 Reed organ
KB-B25 Electric organ
KB-B30 Metallic piano
KB-B31 Pianet

KB-B32 Funky Clav
KB-B33 Clavichord I
KB-B34 Clavichord II
KB-B35 Clavinet
KB-B36 Electric Piano I
KB-B37 Electric Piano 2
KB-B38 Chimes
KB-B39 Vibes
KB-Dream Hes Beck
KB-Dulce Organ
KB-FM Cosmopolis
KB-FM Orphing Wheel
KB-FM Piano Template
KB-FM Power Keys
KB-FM Pure Clav
KB-FM Ultra Soft
KB-Hybrid Dirty
KB-Hybrid Keythox
KB-Hybrid Carrousel
KB-Keys and Sweep
KB-Organisation
KB-PhonKB
KB-PianoOSc
KB-Road Cruiser

Lead

LD-B12 Fat Sound
LD-B13 Metallic
LD-B14 Pan flutes
LD-B41 Sweep 2
LD-B43 Landing
LD-B46 Ring mod
LD-B49 Whistle
LD-Chorusolo
LD-Dstep Polead
LD-FM Cop Torn
LD-FM Funkytar
LD-FM Fusion
LD-FM Lead Template
LD-FM Little Tromb
LD-Hybrid Clinton
LD-Hybrid Subtle Sine
LD-Pure Sawtooth
LD-The Court Jet
LD-Therem Whistle
LD-Ultra Solo
LD-Water Drop Lead

Pads

PD-Air Dream Keys
PD-AL Jarre High
PD-B16 Chorale
PD-B26 High pass sweep
PD-BarbapaPad
PD-Deep Orbit
PD-Evolugate Wonder
PD-FM Editation

PD-FM Ethereal
PD-FM Ominous
PD-FM Pad Template
PD-FM Spectralis
PD-Glacier Veins
PD-Glycosidic Bond
PD-Hybrid Oxygene
PD-Lost Music Box
PD-Porta Sweep on Wheel
PD-Robotic Love
PD-Smooth One
PD-StePad Plaza
PD-Sweet Place
PD-Teal Voices
PD-Tender Threads
PD-Zen and Beauty

Polysynth

PL-B10 Chunky synth
PL-B40 Sweep 1
PL-B44 Wash of sound
PL-B45 Fast decay
PL-B46 Ring mod Harp
PL-B47 Phased sweep
PL-B48 Bass pluck
PL-Complextro Figures
PL-FM Poly Cruise
PL-FM Polysynth Template
PL-Grain Poly
PL-Hybrid Stack
PL-Onyx Wheel Me
PL-Synthoxic
PL-Trance Evolwheel
PL-Tri Repeater

Strings

ST-B20 Double basses
ST-B21 Cellos
ST-B22 Violins
ST-B28 Filtered chorus
ST-B29 Filtered strings
ST-Dual Layer Strings
ST-FM Harpsichestra
ST-FM Hypnotic
ST-FM String Machine
ST-FM Strings Template
ST-Hybrid Big Sol
ST-Space O Tron

Sweeps

SW-B42 Take-off
SW-FM Sweep Template
SW-Hybrid Gold Wheel
SW-Moelleux
SW-Quality Sweep
SW-Sun Glasses
SW-Ultra Sweep

UVI Workstation: Tips + Tricks

MIDI Learn



Most UVI Workstation parameters can be automated via a convenient MIDI Learn. MIDI Learn allows you to bind a physical MIDI controller to specific parameters within UVI Workstation.

- Any FX tab parameter, Macro Knob or Slider in UVI instruments can use the MIDI Learn feature
- The MIDI controller type and the MIDI Channel assignment will be saved with the multi or with your song in the host sequencer
- Automation is assigned per-part

To use MIDI Learn:

- Right-click the parameter in UVI Workstation that you want to automate
- After the MIDI Learn dialog appears, Trigger the desired MIDI input controller (knob, fader etc.)

To remove a MIDI controller assignment:

Right-click the desired parameter and press "Delete"

Unlimited FX



UVI Workstation offers a wide variety of FX, or effect processors, to cover all your audio processing needs. The FX implementation is robust and includes the ability to insert unlimited FX slots in several stages of the signal flow.

- Click the "FX" tab to open the FX page on the Single view
- In Multi view the FX section is always displayed

Arpeggiator



UVI Workstation comes equipped with a robust arpeggiator. To insert an arpeggiator in a part, you need to display the Single view in the UVI Workstation, then click on the note icon. The arpeggiator can be employed as a pattern gate, arpeggiator, or even an advanced rhythmic processor for your live MIDI performance or sequenced MIDI tracks. Arpeggiators can be inserted in an unlimited number of parts.

Preset Stacking

Thanks to the simplicity of the UVI Workstation you can stack as many presets as you want by simply assigning multiple parts on the same MIDI channel.

Split, Velocity & Key Switch

		LOKEY	HIKEY	LOVEL	HVEL	KEYSWITCH	STREAMING	OUTPUT	
•	A1 <> 089-HB-Sticks 01a.aif	<input type="checkbox"/>	C-2	G8	<input type="checkbox"/>	1	127	C3	Main Out
•	A2 <> Analog Strings	<input type="checkbox"/>	C-2	G8	<input type="checkbox"/>	1	127	None	Main Out
•	A3 <> WerMa-Philli.aif	<input type="checkbox"/>	C-2	G8	<input type="checkbox"/>	1	127	None	Main Out
•	A4 <> Synth Bass & Synth	<input checked="" type="checkbox"/>	C-2	G8	<input checked="" type="checkbox"/>	1	127	C3	Main Out
•	A5 <> Jazzistic Guitar 4	<input type="checkbox"/>	C-2	G8	<input type="checkbox"/>	1	127	None	Main Out
•	A6 <> Lord Fulllight	<input type="checkbox"/>	C-2	G8	<input type="checkbox"/>	1	127	C3	Main Out
•	A7 <> Inter Keyboard - Disco.aif	<input type="checkbox"/>	C-2	G8	<input type="checkbox"/>	1	127	None	Main Out
•	A8 <> Acoustic Toy Medley	<input type="checkbox"/>	C-2	G8	<input type="checkbox"/>	1	127	None	Main Out

The Keyswitch settings allow you to load multiple presets into two or more parts and dynamically play and mute them from your MIDI controller using key switching, note range, velocity range or any combination of the three parameters. This powerful feature gives you a great deal of real-time control.

Scroll Wheel

All knobs can be adjusted with the scroll wheel on your mouse.

When you double-click on any knob or slider, you can manually enter or type in the desired value.



Links



UVI

- Home uvi.net/
- Download UVI Workstation and User Manuals uvi.net/downloads
- Your Registered Product Serial Numbers and Download Links. uvi.net/my-products
- FAQ uvi.net/faq
- Tutorial and Demo Videos youtube.com/
- Support uvi.net/contact-support

iLok

- Home ilok.com/
- iLok License Manager ilok.com/ilm.html
- FAQ ilok.com/supportfaq





Credits and Thanks

Produced by UVI

Recording / Editing / Sound Design

Damien Vallet
Emmanuel Usai
Kevin Guilhaumou
Alain J Etchart
Nathaniel Reeves

Software + Scripting

Olivier Tristan
Remy Muller

GUI + Design

Nathaniel Reeves

Special Thanks

Manu @ Masterwave
Christophe Martin



UVI.NET